



## Agenda

### Tuesday May 29, 2012

3:00 – 5:00 PM      Optional: Open House at Goddard Satellite Servicing Center (Building 27n)

### Wednesday May 30, 2012

- 7:00 AM      Security check-in and badge release for first-time Workshop visitors; Registration
- 8:30 AM      **Welcome and Orientation**
- Benjamin Reed, Workshop Chair  
Project Deputy Director, Satellite Servicing Capabilities Office, NASA Goddard Space Flight Center
- 8:40 AM      **Opening Remarks**
- Christopher Scolese, Center Director, NASA Goddard Space Flight Center
- 8:50 AM      **Plenary Speeches**
- Kay Sears, President, Intelsat General Corporation
  - Dr. Robert Ambrose, Chief, Software, Robotics, and Simulation Division, NASA Johnson Space Center
  - Prof. Henry Hertzfeld, Research Professor of Space Policy and International Affairs, George Washington University, Elliott School of International Affairs, Space Policy Institute
- 10:20 AM      **Break**
- 10:50 AM      **On-Orbit Robotic Refueling Mission (RRM) Status Briefing**
- Jill McGuire, RRM Program Manager, Satellite Servicing Capabilities Office, NASA Goddard Space Flight Center
  - P. Andrew Keenan, Systems Engineer, Canadian Space Agency
- 11:50 AM      **Lunch**
- 12:50 PM      **What the Future Holds: Near-Term Servicing Plans**
- Session Chairs**
- Maj. Gen. Jim Armor (Ret.), Vice President, Strategy and Business Development, ATK, Spacecraft Systems & Services
  - Dr. Yves Gonthier, Senior Engineer, Exploration Planning, Canadian Space Agency
- Confirmed Speakers**
- Dr. Jean-Claude Piedbœuf, Director, Space Exploration Development, Canadian Space Agency
  - Klaus Landzettel, Senior Scientist, German Aerospace Center (DLR), Institute of Robotics and Mechatronics

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- Dr. Mitsushige Oda, Invited Senior Researcher, Space Robotics Laboratory, Aerospace Research and Development Directorate, Japan Aerospace Exploration Agency (JAXA)
  - Steve Oldham, Vice President, MacDonald Dettwiler and Associates, Ltd.
- 2:35 PM **Break**
- 3:05 PM **Session Continues**
- David Barnhart, Program Manager, Tactical Technology Office, DARPA
  - Bo Naasz, Systems Manager, Satellite Servicing Capabilities Office, NASA Goddard Space Flight Center
  - Bryan McGuirk, Chief Operating Officer, Vivisat
- 4:20 PM **Session Panel Discussion**  
*Q&A and discussion with "What the Future Holds" session speakers*
- 5:00 PM **Wrap-up Remarks and Housekeeping Announcements**
- Benjamin Reed, Workshop Chair

## Thursday May 31, 2012

- 7:00 AM Security check-in, badge release for first-time Workshop visitors; Registration
- 8:00 AM **Housekeeping Announcements**
- Benjamin Reed, Workshop Chair
- 8:10 AM **Navigating the Obstacles to Servicing: Insurance, Policy, Finance and Legal Considerations**
- Session Chairs**
- Mark Quinn, Senior Vice President and Americas Practice Group, Willis Inspace
  - Bernd Sommer, General Technologies and Robotics, Lead Robotics, German Aerospace Center (DLR), Space Administration
- Confirmed Speakers**
- Hoyt Davidson, Managing Partner, Near Earth LLC
  - Prof. Henry Hertzfeld, Research Professor of Space Policy and International Affairs, George Washington University, Elliott School of International Affairs, Space Policy Institute (*Session Panel Member*)
  - Alexis Sáinz, Associate, Milbank, Tweed, Hadley and McCloy
  - Jan Schmidt, Head of Space Insurance Corporate Solutions, Swiss Reinsurance Company Ltd.
  - Scott G. Macleod, Chief Financial Officer, Immersonal, Inc; formerly Chief Financial Officer, SkyTerra Communications
- 9:15 AM **Session Panel Discussion**  
*Q&A and discussion with "Navigating the Obstacles to Servicing" session speakers*
- 10:15 AM **Break**

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10:35 AM	<b>Entering a Changing World: The Perspectives of Commercial Bus Providers on Servicing</b> <b>Session Chairs</b> <ul style="list-style-type: none"> <li>- Al Tadros, Vice President, Civil and Department of Defense Business, Space Systems/Loral</li> <li>- Steve Stich, Associate Director, JSC Engineering, NASA Johnson Space Center</li> </ul> <b>Confirmed Speakers</b> <ul style="list-style-type: none"> <li>- John D. Schumacher, Vice President, Space, EADS North America</li> <li>- Barry Noakes, Chief Engineer, Lockheed Martin Commercial Space Systems</li> <li>- Richard H. Currier, Vice President and Chief Technical Officer, Loral Space and Communications Inc.</li> <li>- Christopher Richmond, Senior Vice President, Orbital Sciences Corp.</li> <li>- Eddie Kato, Chief Executive Officer, Thales Alenia Space North America, Inc.</li> </ul>
11:50 PM	<b>Session Panel Discussion</b> <i>Q&amp;A and discussion with "Entering a Changing World" session speakers</i>
12:30 PM	<b>Lunch</b>
1:30 PM	<b>Expanding Options: Servicing from the Fleet Operators' Perspective</b> <b>Session Chairs</b> <ul style="list-style-type: none"> <li>- Dr. Bryan Benedict, Product Line Manager, Intelsat General Corporation</li> <li>- Mr. Ed Horowitz, Director, U.S. Space, LLC</li> <li>- <i>Representing Mr. Horowitz:</i> Dr. Dany J. Harel, Chief Technology Officer, U.S. Space, LLC</li> </ul> <b>Confirmed Speakers</b> <ul style="list-style-type: none"> <li>- Col. Michael D. Sarchet, Chief, Protected Satellite Communications Division, MILSATCOM Systems Directorate, Space and Missile Systems Center, Los Angeles Air Force Base, CA</li> <li>- David Bair, Chief Technical Officer, Eutelsat Communications</li> <li>- Thierry Guillemin, Senior Vice President and Chief Technology Officer, Intelsat</li> <li>- Ken Betaharon, Chief Technology Officer, Asia Broadcast Satellite</li> </ul>
2:30 PM	<b>Break</b>
2:45 PM	<b>Session Panel Discussion</b> <i>Q&amp;A and discussion with "Expanding Options" session speakers</i>
3:30 PM	<b>Concluding Remarks</b> <ul style="list-style-type: none"> <li>- Frank Cepollina, Associate Director, Satellite Servicing Capabilities Office, NASA Goddard Space Flight Center</li> </ul>
3:40 PM	<b>Conclusion</b>

## Friday June 1, 2012

8:00 – 10:00 AM      Optional: Open House at Goddard Satellite Servicing Center (Building 27n)